Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 06 Dec 2021 until 23:59 on Tuesday 07 Dec 2021

Forecast Issued on Monday 06 Dec 2021 at 02:52

Confidence: High for unsettled weather with spells of rain or snow. Some particularly hazardous hill conditions on Tuesday.

Headline for Monday 06 Dec 2021: Rain, sleet or snow clearing to bright spells and wintry showers in afternoon. Cold and windy.

Mountain weather hazards on Monday 06 Dec 2021

Blizzards
Low Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Heavy snow	Heavy snow	Light snow showers	Heavy snow showers (night)	Heavy snow showers (night)
Precipitation probability					
20%	90%	90%	40%	30%	30%

Forecast for Monday 06 Dec 2021

Weather: Dry to start the day but outbreaks of rain, with sleet or snow above around 300m, arriving during the morning. These turning heavy for a time but clearing eastwards into the afternoon. Bright or clear spells and occasional blustery showers will follow, these remaining wintry above around 300-400m with a low risk of hail and thunder. Feeling bitterly cold at height with the strong winds.

Chance of cloud free mountain/hill tops above 600m: 90% at first but soon becoming 10% with widespread low cloud, improving into the afternoon to become generally 80% though cloud occasionally shrouding the tops in showers.

Visibility: Good at first but soon becoming very poor in the morning in rain, snow and widespread low cloud down to 300-400m. Improving to become very good into the afternoon between showers, which will bring some locally poor visibilities and low cloud on the tops as they move through from the west.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 06 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/30 S	21/29 S	21/30 SW	19/27 W	21/29 W	21/30 W	21/30 W
300	13/20 S	16/22 S	16/23 SW	13/21 W	16/25 W	16/26 W	16/26 W
Valley	4/16 S	10/22 S	10/21 SW	8/20 W	10/22 W	11/23 W	10/23 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	0/-7	-0/-7	0/-6	-0/-7	-1/-8	-1/-8
300	3/-2	1/-4	2/-4	2/-2	1/-4	2/-4	2/-4
Valley	3/1	2/-2	2/-2	3/-0	2/-2	2/-3	2/-2
Freezing Level*	700m	500m	500m	500m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A bitterly cold day up in the hills with a very significant wind chill at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 06 Dec 2021	4.8mm	19.2mm	20.8mm

Forecast for Tuesday 07 Dec 2021

Weather: Wintry showers dying out overnight with clear spells and a frost developing. A dry and bright start but conditions will deteriorate. A spell of sleet or snow and very strong winds from late morning onwards with blizzards possible over high ground. Turning showery in the afternoon, wintry over the tops with hail and thunder possible.

Maximum wind: South or Southeast 15-20mph, increasing to mean speed 35-45mph with gusts 60-70mph.

Chance of cloud free mountain/hill tops above 600m: 90% overnight, becoming 10% in the morning, improving to 70% in afternoon.

Visibility: Deteriorating quickly in the morning. Extensive cloud developing above 400m with blizzard conditions possible on the summits. Generally good into the afternoon but occasionally poor in showers.

Temperature: **Valleys:** Minus 1C rising to Plus 3 or 4C.
At 600m: Minus 1C, rising to 2C in afternoon.
Freezing level: 300m, rising above summits in afternoon.

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